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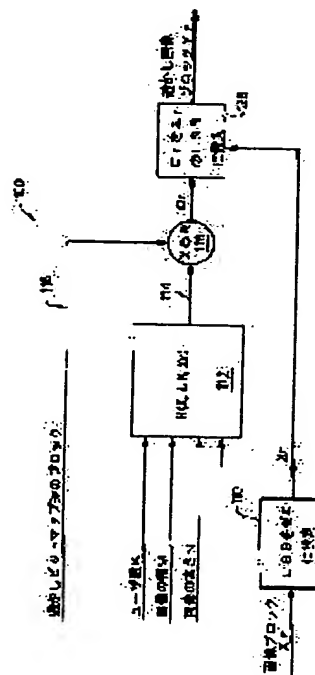
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(54) WATERMARK INSERTING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a watermark inserting device for digital image which can detect not only a pixel value but also the change of image size and which can be used for public key or secret key watermark processing.

SOLUTION: This device is composed of a correction means 110 for generating a corrected image block by correcting at least one prescribed bit in an image block X_r , calculation means 112 for outputting a hash output 114 by calculating the application of a value corresponding to a code hash function, combination means 116 for generating a composited image block C_r by combining the hash output 114 and a watermark 118, and insertion means 126 for outputting a watermark processed image block Y_r by inserting the composited image block C_r into the corrected image block.



LEGAL STATUS

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